

JESKE, Jozef; prof. dr.; RANC, Ewa; STOCHLA, Krystyna

Effect of 5-ethyl-5-phenyl-2,6-dihydroxy-4-pyridine-3,4-dione
(Mizodin -- Polfa) on the course of the glycemc curve after
the administration of insulin in the rabbit. Acta Pol. pharm.
21 no.3:303-306 '64.

1. Z Zakladu Farmakodynamiki Akademii Medycznej w Warszawie
(Kierownik: Prof. dr. J. Jeske).

RANCAK, Josef; HODANEK, Jaroslav

Extention arm for the HSC 5 and AJ 6 autocranes. Inz stavby 10
no.12:Suppl.:Mechanizace no.12:143-144 '62.

1. Ceskomoravska-Kolben-Danek Slany, Svermovy zavody, n.p., Slany.

DANIELLO, L.; ANASTASAKI, A.; ~~WAGNER, J.; WAGNER, J.~~

Changes in respiratory function in silicosis and silicotuberculosis; investigations of W gases by means of complex function tests. Prohl. ber., Intern. 5:45-52 1957.

- (FUNCTIONAL, investigation of resp. funct. tests)
- (RESPIRATORY, function tests in silicosis & silicotuberc.)
- (WAGNER, J.; WAGNER, J.)
- (silicosis, resp. funct. tests)

BOERIU, I.N., dr.; ILEA, V.dr.; SCHWARTZ, M.dr.; RANCEA, D., dr.

Electrocardiographical changes in emphysematous disease. Correlation with spirometric data. Med. intern. (Bucur.) 16 no.4: 461-468 Ap'64

1. Clinica a III-a medicala I.M.F., Cluj (director: prof. O.Fodor).

★

RANCHEV, Nikola, inzh.

Treatment of steam water in the Maritsa-Iztok I Thermo-
electric Plant. Elektroenergiia 13 no.5/6:48-50 My-Je '62.

RANCHEV, N.

"Increasing the economy and the exchange capability of cationic installations."

p. 21 (Elektroenergiia) Vol. 8, no. 3, Mar. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

RANCHEV, Nikola, inzh. zhizn.

Preoperational chemical treatment of the drum and uniflow
high-parameter boilers. Elektroenergiia 14 no.5/6:25-27
My-Je '63.

Section 5. List of all of the ...
...
1955.

SO: Monthly List of the East European Association (SAMI) LD. Vol. 4,
no. 10, Oct. 1955. Incl.

RANICHEV, S.

"Effect of wet piercing as applied by us in fighting mine dust."

p. 67 (Minno Delo, Vol. 12, no. 4, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 3,
September 1958

RANCHEV, S.

Methods of axle or side transmission of water in the mine drilling machine. p. 60
MINMO DELO, Sofiya, Vol. 10, no. 1, Jan./Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

RANCHEV, ST. N.

Axial or Lateral Method of Water Feeding in the Water Drilling Process.
Mimo Delo (Mining), #1:60:Jan 55

RANCHEVA, Rositsa

Rationalization in the "Svetlina" Works, a mighty lever
of technical progress. Ratsionalizatsiia 14 no.8:7-9 '64.

RANCHIN, V.P.

Determining the efficiency of building in stages. Transp.
stroi. 9 no.7:47-50 J1 '59. (MIRA 12:12)

1. Glavnyy inzhener proyekta Gipromtransstroya.
(Railroad engineering--Tables, calculations, etc.)

RANCHIN, V.P.

Improving the traffic capacity of railroad lines. Transp. stroi.
8 no.9:25-27 S '58. (MIRA 11:10)

1. Glavnyy inzhener proyekta Gipromtransstroya.
(Railroads--Traffic)

RANCHYALIS, V.P.

Change in the hereditary indices of pepper under the action of
extracts from its leaves and fruits. *Agrobiologiya* no. 1:101-107
Jan '65. (MIR 1847)

1. Moskovskiy gosudarstvennyy universitet, biologo-pochvennyy
fakul'tet.

TUTUNDZIC, Panta S.; RANCIC, Dusan M.

Limitation of the application of refractometry as a method of physical-chemical analysis of binary systems. Glas Hem dr 25/26 no.1/2:39-47 '61.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd. 2. Urednik, "Glasnik Hemijskog drustva Beograd" (for Tutundzic)

(Refractometer) (Systems(Chemistry))

TUTUNDZIC, Fanta S., prof. dr inz.; RANICIC, Dusan M.

The refraction and density indexes for the binary systems of chloral with benzol, chlorobenzol, ethyl ether, acetic and formic acids, water, and ethyl alcohol. Glas Hem dr 25/26 no.8/10:45-463 '60/'61.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd. 2. Clan Uredivackog odbora i urednik, "Glasnik Hemijskog drustva Beograd" (for Tutundzhic).

RANCIC, Dusan H.

Theory of the simple particle. Pts. 2 and 3. Glas Hem dr
25/26 no.8/10:411-425 '60/'61.

1. Faculty of Technology, Institute of Physical Chemistry and
Electrochemistry, Beograd; Faculty of Technology, Novi Sad.

RANCIC, Dusan M. (Beograd)

The theory of simple particles. 1. A new viewpoint about the nature of light. Glas Hem dr 25/26 no.1/2:21-32 '61.

1. Faculty of Technology, Institute for Physical Chemistry and Electrochemistry, Beograd.

(Light)

RANCIC, DUSAN M.

Improvement of the Sprengel-Babo pump. Dusan M. Rancic (Techn. Fak., Belgrade, Yugoslavia), Glasnik Kem. Drustva, Beograd 21, 121-4 (1956).—The disadvantage of the Sprengel-Babo pump, i.e., that the air inlet into the air-lift must be regulated with high precision in order that Hg be lifted in divided segments of the column, can be avoided by limiting the rate of Hg admission in the lift-tube through a bottom opening made as small as 0.5-0.7 mm. A somewhat longer tube for the air inlet is joined to the lift-tube just above this narrow opening, and the joint is submerged into Hg for 1-10 cm. Hg is elevated in the form of high-speed drops, and the pump quickly attains a pressure of 1×10^{-3} mm. Hg.

Distr: 4E2d

RANCIC, Zora, inz. (Beograd)

'Aerosols. Kemija u industriji ll no.9:555-557 s '62.

RANCU, N.; TOVISSI, L.

Analysis of intercorrelations between the weight of paper and the ash content of materials in water in the various stages of the manufacturing process. Cel hirtie 10 no.5:164-172 My'61

ISPASOIU, G.; RANCU, N.; FIBBAN, M.; ROTRE-NIRMALAKI, I.

Estimation of the average life of incandescent bulbs by the probability network method combined with the method of the least squares. Metrologia apl 11 no. 5:195-201 My '64.

25(6)

R/009/59/12/006/030
D0019/D3001

AUTHORS: Rancu, N. and Tövissi, L.

TITLE: Statistical Check in Case of a Systematic Displacement of the Grouping Center Towards One of the Limits of the Tolerance Field

PERIODICAL: Metalurgia și Construcția de Mașini, 1959, Nr 12, pp 1053 - 1064

ABSTRACT: There are factors in systematic production which determine a systematic increase or decrease of the characteristic values, i.e. a shifting of the control center ~~neither~~ towards the upper or the lower limit of the tolerance field. This article presents the method of applying a statistical check in such cases. The purpose of this check is to establish how long a machine tool can operate without resetting. The authors explain the calculation problems of the check

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R/009/59/12/006/030
D0019/D3001

Statistical Check in Case of a Systematic Displacement of the
Grouping Center Towards One of the Limits of the Tolerance Field

limits and the establishment of the statistical checking slips. After determining the equation of the displacement line of the grouping center and computing the time a machine tool can operate with the same tool setting, the authors calculate the check limits. Starting with the equation of the displacement line of the control center (Equation Nr 1); the value of the dispersion field (Equation Nr 2); and the characteristic values of the deviation against the control center line (Equation Nr 3), the authors establish the dispersion formula (Nr 6). If the control center moves towards the lower limit of the tolerance field, the lower limit of the dispersion field will, after a certain time, reach the lower limit of the tolerance field. This is the moment when the tools of the machine have to be reset. The time which separates 2 successive resettings can be computed by cutting the lower limit of

Card 2/4

R/009/59/12/006/030
D0019/D3001

Statistical Check in Case of a Systematic Displacement of the Grouping Center Towards One of the Limits of the Tolerance Field

the dispersion field by the lower limit of the tolerance field. The measurements supplied by the parameters of the samples, taken periodically from the production of a certain machine tool can be used for the supervision and direction of the technological process. Two parameters are used: one supplying information on the accuracy, the other on the tool-setting state of the machine. The authors then describe the supervision of control by the checking diagram which is established in the following order: establishment of the equation of the displacement line of the control center; determination of the width of the dispersion field; establishment of equations of the limits of the dispersion field; calculation of the duration of a control; determination of the parameters which will be used for the characterization

Card 3/4

R/009/59/12/006/030
D0019/D3001

Statistical Check in Case of a Systematic Displacement of the
Grouping Center Towards One of the Limits of the Tolerance Field

of the control (arithmetic average, average value
of the samples, extreme values) and computation of
the checking limits which are traced on the checking
diagram. The authors finally present an example to
explain accurately the set-up of a diagram and the
supervision of the production process by the statisti-
cal checking slip. There are 3 tables and 3 graphs.

Card 4/4

RANCU, N.; IRIMIE, V.; BCERIU, G.

Directing the manufacturing processes of assembling parts by
statistical mathematical methods. Metrologia apl 10 no.7:289-
297 JI '63.

HANCU, N. , TOVISSI, L.

Statistical methods for current control of production quality and progress of production proceedings, p. 68.
(Metalurgia Si Constructia De Masini, Vol. 9, No. 1., Jan. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RANCU, N.; TOVISSI, L.

Statistical control of strictly positive characteristics by the method of ordered tests. p. 391.

(STANDARIZAREA. Vol. 9, no. 8, Aug. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957
Uncl.

INDEX / Chemical Technology. Chemical Products and Their
Application. Cellulose and its Derivatives.
Paper.

U-33

Abstr Jour: Ref Zhur-Khin., No. 2, 1959, 6241.

Author : Rancu, H.; Trivisti, L.

Title : Application of Statistical Correlation Method to Study,
Control and Improvement of Technological Process of
Paper Manufacturing.

Orig Pub: Celuloza si Hirtie, 1958, 7, No. 5, 189-195.

Abstract: No abstract.

Card : 1/1

164

ISPASOIU, Gh.; RANCU, N.

Product quality evaluation by the progressive extraction method.
Metrologia apl 10 no.3:101-110 Mr '63.

RUMANIA/Chemical Technology - Chemical Products and Their Application. Cellulose and Its Production. Paper. H-33

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59577

Author : Rancu, N., Tovissi, L.

Inst :

Title : Use of Statistical Methods in the Paper Industry.

Orig Pub : Celuloza si hirtie, 1958, 7, No 1, 26-32

Abstract : With an example of the statistical control of the weight of 1 m² of paper, the use of statistical methods in the paper industry is reviewed, in particular the content of such statistical inspection concepts as: center of a cluster, dispersion, base for the verification of the conformity between theoretical calculations and electrical distribution, etc.

Card 1/1

Rancu, N.

RANCU, N.; TOVISSI, L.

RANCU, N.; TOVISSI, L. Statistical methods for current control of the production quality and of the progress of the production process. p. 75.
Analysis of the quality of machines and mechanisms by resonance. p. 85.

Vol. 8, no. 11, Nov. 1956
METALURGIA SI CONSTRUCTIA DE MASINI.
TECHNOLOGY
HUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

RANCU, Nicolae; MANGINEA, Frederic Octavian

Statistical calculation of the precision of machine tools in view of optimum allotment of the working parts depending on their tolerances. Constr mas 15 no.5:376-381 My '63.

RANCU, Nicolae; TOVISSI, Ludovic

Controlled regulation by distribution gauges. Metalurgia
constr mas 13 no. 4: 322-334 Ap '61.

RANDOWA, Danuta; BLASZCZYK, Wanda

The problem of conservative therapy of pulmonary abscesses.
Pol. tyg. lek. 19 no.30 s1161-1163 27 J1'64

1. Z Kliniki Gruźlicy Akademii Medycznej we Wrocławiu.

RAYB, M. AND SQUER

The flag of sports games is raised. p. 484

MEMORANDUM, (MEMORANDUM FOR THE SECRETARY) Tallinn, Estonia.
Vol. 10, No. 14, Dec. 1950

Monthly list of East European countries (Soviet) Vol. 10, No. 12, Dec. 1950
Part 1.

DVORAK, Eduard, inz.; RANDA, Frantisek, inz., arch.

System of individual buildings in machine factories.
Tech praca 15 no.10:793-799 0 '63.

RANDA, M.

PHASE I BOOK EXPLOITATION

JUN 25 2/3284

42

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacíh turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

Card 1/8

Basic Problems in the Construction. (Cont.)	z/6284
M. Hibiš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines	351
V. Kmoníček and M. Hibiš. The Results of Experimental and Theoretical Research on Annular Diffusers	371
J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow	399
M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň	433
M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine	445

Card 6/8

Handwritten: 10000 111

CZECHOSLOVAKIA / Farm Animals. Honey Bee. 2

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40556.

Author : Halasa M., Unger A., Randa H.

Inst : Not given.

Title : The Problem of Bee Diseases in Slovakia and
the Prospects of the Fight Against Them.

Orig Pub: Veterin casop., 1957, 6, No 5, 379-392.

Abstract: From among the bee diseases in Slovakia, the most widely spread is nosematosis (10.1% - 13.5% of the investigated colonies). The situation is relatively good as regards acarapodosis. [Isle of Wight disease]. The poisoning of bees with wastes of industrial gases and insecticides is discussed.

Card 1/1

RANDA, H.

PHASE I BOOK EXPLOITATION

2/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

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Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Koncický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

z/6284

- 6
- M. Hibiš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines 351
- V. Kmoníček and M. Hibiš. The Results of Experimental and Theoretical Research on Annular Diffusors 371
- J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow 399
- M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň 433
- M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine 445

Card 6/8

3/2

RANDA, Miroslav, inz.

Measurement results of the dynamic stress of axial compressor blades. Zpravodaj VZLU no.1:43-44 '63.

RANDAK, Karel

Control systems of the oil extraction in petroleum refining.
Ropa a uhlie 5 no.11:328-330 N°63.

1. Zavody prumyslove automatizace, Praha-Musle.

RANDAK, Karel

Automation of processing equipment in petroleum refineries.
Ropa a uhlie 6 no. 4: 101-103 Ap '64.

1. Zavody prumyslov automatizace, Praha.

RANDAK, Karel

Automatic control of petroleum distillation. Ropa a uhlie 5
no. 2:72-79 Mr '63.

1. Zavody prumyslove automatizace, Praha - Nusle.

S/194/62/000/005/019/157
D256/D308

AUTHOR: Randák, Karel

TITLE: Semi-automatic control devices

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 5, 1962, abstract 5-2-91 zh (Měření a regul., 1961,
no. 4-5, 63-69)

TEXT: Description and specification are given for the following standard devices manufactured in Czechoslovakia: 1) Pressure regulators; 2) thermostats; 3) liquid level-regulators, and the solenoid valves incorporated in these devices. The pressure regulators for the ranges from 0 - 40 mm Hg to 2 - 15 kg/cm² are mounted in a unified body, as are the pressure-difference devices for the ranges from 20 - 120 mm Hg to 0.05 - 0.4 kg/cm². The el. switches have either mercury or metal contacts, the pickups are of membrane or spring construction (for differential pressure control - membrane only). The weight varies from 1.3 to 6.5 kg. Two types of thermostats are made for 2-position regulation and temperature monitoring: 1) Volume type with rapid response pickup 2) capillary type. The Card 1/2

S/194/62/000/005/019/157
D256/D308

Semi-automatic control devices

first one is used in refrigerators, dryers and air conditioners; the second one for temperature measurements of liquids and gases in pipelines, reservoirs etc. Weight of the device: 1.2 to 1.7 kg; temperature range: from -40 - 0°C to + 110 - + 180°C. The mercury contacts are used for on- and off operation 250 V DC or 220 V AC at 2 to 6 A. The bodies of the thermostats and pressure regulators are identical. The temperature pickup operates on the principle of change of the vapor pressure of the liquid which fills it; the type of liquid determines the range of the measurements. Four types of float regulators of liquid level are manufactured. They are widely used e.g. in the chemical industry for adding a predetermined volume of solutions into the processing system. 4 tables of specifications. 15 figures. [Abstractor's note: Complete translation].

Card 2/2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

BC

171

Potassium lead sulphate, lead sulphate, potassium sulphate, and lead ions at 25°. M. RANDALL and D. L. FRAY (J. Amer. Chem. Soc., 1965, 87, 637-639).—Equilibrium data are recorded.

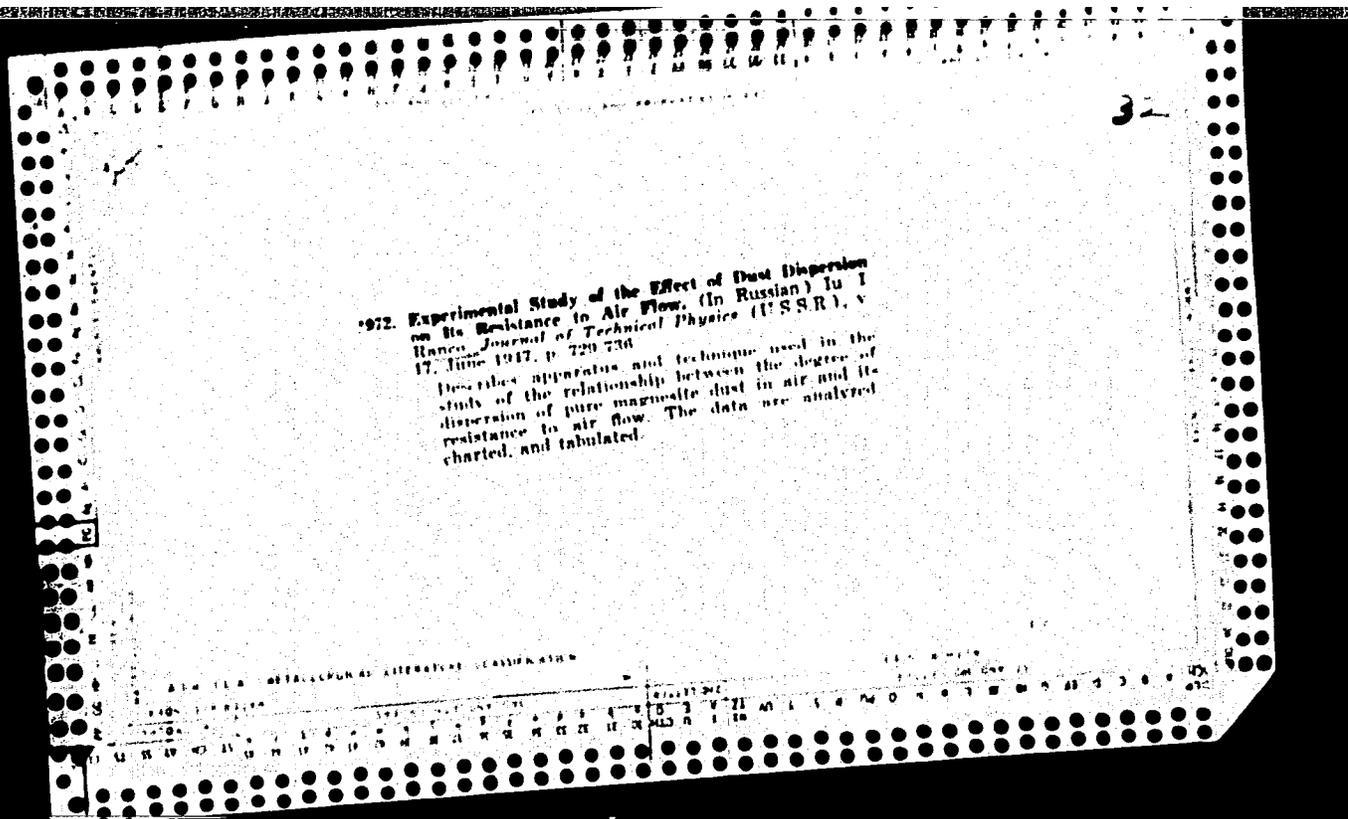
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1.

H. A.

The Rehbinder Effect (in Cadmium Single Crystals). E. W. de C. Andrade and R. F. Y. Randall (*Nature*, 1949, 164, (4183), 1127)--The conflicting results of Rehbinder (*Compt. Rend. (Doklady) Acad. Sci. U.R.S.S.*, 1941, 30, 491; 32, 125, 130; *Met. Abs.*, 1943, 10, 103) and of Kinsley (*Nature*, 1949, 163, 404; *Met. Abs.*, this vol., p. 6) on the effect of surface-active liquids in diminishing the mechanical strength of single crystals have been explained by carrying out tests on differently treated cadmium single crystals. Crystals were (1) cleaned by evaporation in vacuo, (2) oxidized by heating in air, (3) oxidized and then washed in acid followed by alkali, and (4) oxidized by exposure to air for several months. On straining these crystals in contact with a solution of oleic acid in paraffin, (1) gave no effect, (2) and (3) showed an increase in rate of flow, while (4) showed such an increase after 45 min. The interpretation is that the solution disintegrates the oxide film, removing its strengthening effect.--B.R.T.F.



VELMANN, E., otv. red.; MARLAND, A., red.; EENLAID, A., red.; RANDALU, I., red.; NURMISTE, B., red.; LEIVATEGIJA, L., red.; LEVIN, M., red.

[Collection of reports of the Scientific Conference on the Protection of Plants] Sbornik dokladov. Nauchnoy konferentsii po zashchite rastenii, 3, Tallinn, 1960. n.p. Estonskii nauchno-issl. in-t zemledelii i melioratsii, 1962. 463 p. (MIRA 15:5)

1. Nauchnaya konferentsiya po zashchite rasteniy, 3d, Tallinn, 1960. (Russia, Northwestern--Plants, Protection of--Congresses)

AAMISEPP, I.; EICHENBAUM, E.; HALLER, E.; KAARLI, K.; KIK, H.;
KIVI, V.; KOTKAS, H.; KORJUS, H.; LEIVATEGIJA, L.; LIIV, J.;
LÄNTS, L.; MÄLKSO, A.; PEDAJA, V.; POLNA, H.; RANGDALU, I.;
RUUGE, J.; SEKSEL, H.; TOOMRE, R.; TUPITS, H.; TUUL, S.;
TÖNISSON, H.; TÄAGER, A.; VIIRAND, M.; VAHENÕMM, K.; ARAK, A.,
red.

[Plant breeding] Taimekasvatus. Tallinn, Eesti Raamat, 1964.
213 p. [In Estonian] (MIRA 18:1)

RANDALU, I. M., Cand Agr Sci -- (diss) "^{Spread} Extension and ^{importance} ~~newness~~ of
^{barley in} helminthosporioses of the Estonian SSR and their control." Tallin,
1958. 29 20 pp (Estonian Sci Res Inst of Agriculture and Amelioration),
150 copies (KL, 17-58, 110)

-64-

USSR/Plant Diseases - Diseases of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30205

Author : Randalu, I.M.

Inst :

Title : Helminthosporium Disease in Barley, (in the Estonian SSR).

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957, No 5, 25.

Abstract : No abstract.

Card 1/1

RANDE, Jeno

"Interplas 61"; a report on the London exhibition of plastics.
Mezogazd techn 1 no.8:2-3 '61.

RANDE, Jeno

On the eve of the summit conference. Munka 10 no.5:32-33 My '60.

1. Radio for unkatarsa

RANDELO, A.

Technology of restoring cylindrical roller bearings.

P. 17, (Mashinivremennye Sestavnie) Vol. 8, no. 2, Feb. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acquisitions (EEM) Vol. 6, March-December 1957

LANDELOV, A.

LANDELOV, A. Changing the size of the piston in the KDM-46 engine of the S-80 tractor, p.26.

Vol 7. no. 5, May 1956, MASHINIZIRANO ZEMEDLIE, SOFIYA, BULGARIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10, Oct. 1956.

RANDELOV, A.

RANDELOV, A. Repairing the D-54 engine. p.24.

Vol. 7, no. 4, Apr. 1956, MASHINIZIRANO ZEMEDELIE, SOFIYA, BULGARIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

CHEMISHANSKI, G.; DIMITROV, D.; RANDEV, Ior.

Leptospirosis in the Varna district. *Suvrem. med.*, Sofia 9 no.2:55-62
Feb. 58.

1. Iz Okruzhnata bolnitsa; gr. Varna (Gl. lekar: N. Nikolaev) i okruzh-
nata sanepidatantsia; gr. Varna (Gr. lekar: L. Pukhovska)
(LEPTOSPIROSIS, epidemiol.
in Bulgaria (Bul))

RANDEV, Y.

Notes, Reference No. 01-06, November 61

2010

1. All in the name of War - War in Vietnam of 1954 - 1975
R. ARNOLD, (see attachment sheet) pp 100.
2. "Post of the Philippines in the World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
3. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
4. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
5. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
6. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
7. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
8. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.
9. "The Strategic and Tactical Situation of the Philippines in World War II" - WILLIAM V. SUTHERLAND, former Secretary of Defense (1941-1945) in War and in Post War Period. (see attachment sheet) pp 100.

BULGARIA/Diseases of Farm Animals - Diseases Caused by Bacteria
and Fungi.

R-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64643
Author : Dimitrov, Dimit'r Iv.; Randev, Yordan N.
Inst : -
Title : Leptospirosis in Farm Animals in the Varna District.
Orig Pub : Zhivotnov"dstvo i vet. delo, 1957, 11, No 9, 40-42.
Abstract : No abstract.

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"Precision watches", p. 10 (Geodetski List, Vol. 7, no. 1/4, Jan./Apr. 1953, Zagreb)

SO: Monthly List of ~~Summer~~ ^{East European} Accessions, / Library of Congress, September 1953, Uncl.

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Definition of a time unit. Glas mat fiz hrv 17 no.1/2:
136 '62 [publ. '63].

MARDESIC, Sibe; RANDIC, Leo; BLANUSA, Danilo; PAPIC, P.; BILINSKI, Stanko

An evening of free themes and communications. Glas mat fiz
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astronomski" (for Mardesic, Randic, Blanusa, and Bilinski).

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Determination of the ephemeris time with the aid of artificial satellites. Glas mat fiz Hrv 16 no.3/4:329 '61.

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"Modern Slavic II" p. 157, (CONCERN 113), Vol. 3, No. 5/8, July/Aug, 1976,
(Serbia, Yugoslavia)

See: Study List of East European Countries, (1976), Vol. 4, No. 4,
April 1976, p. 1.

1/20/50

Colonel James H. Doolittle, Jr. (1913-1993)

Colonel James H. Doolittle, Jr. (1913-1993)

Colonel James H. Doolittle, Jr. (1913-1993)

RANDIC, Leo

Sixty years of activities of the Astronomical Observatory of the
Croatian Society of Natural Sciences. Zemlja i svemir 6 no.4:73-
75 '63.

S/081/62/000/006/004/117
B166/B101

AUTHOR: Randić, M.

TITLE: Ligand-field splitting of d-orbitals in eight coordinated complexes of square antiprismatic structure

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 8, abstract 6B27 (Croat. chem. acta, v. 32, no. 4, 1960, 189-192)

TEXT: An examination is made of the splitting of d-levels in a ligand field with the geometry of an Archimedean square antiprism (symmetry D_{4d}) which is a coordination polyhedron in the methyl acetates of Zr, Ce, Th, and U (RZhKhim, 1960, no. 6, 21221). It has been found that the quintuply degenerate d-level is split into $A_1(d_{z^2}) + E_2(d_{xy}, d_{x^2-y^2}) + E_3(d_{xz}, d_{yz})$, where the d_{z^2} orbit must be the most stable. [Abstracter's note: Complete translation.]

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G matrix for tetrahedral X_4Y_4 molecules. Croat chem acta
33 no.3:145-147 '61.

1. Institute "Ruder Boskovic," Zagreb, Croatia, Yugoslavia.
2. Member of the Editorial Board, "Croatica chemica acta, Arhiv za kemiju" (for Randic).

RANDIC, M.; SUPEK, Z.

Excretion of 5-hydroxyindolactone acid in the urine of normal and adrenalectomized rats after irradiation. Bul sc Youg 7 no.1/2:13 F-Ap '62.

1. Institut "R. Boskovic," Zagreb.

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Radioprotective action of some indolealkylamines. Bul sc
Youg 7 no.1/2:19 F-Ap '62.

1. Institut "Ruder Boskovic," Zagreb.

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Bul sc Youg 7 no.1/2:20 F-Ap '62.

1. Institut "Ruder Boskovic," Zagreb.

1017, M.: 1964, M.: 1118-1119.

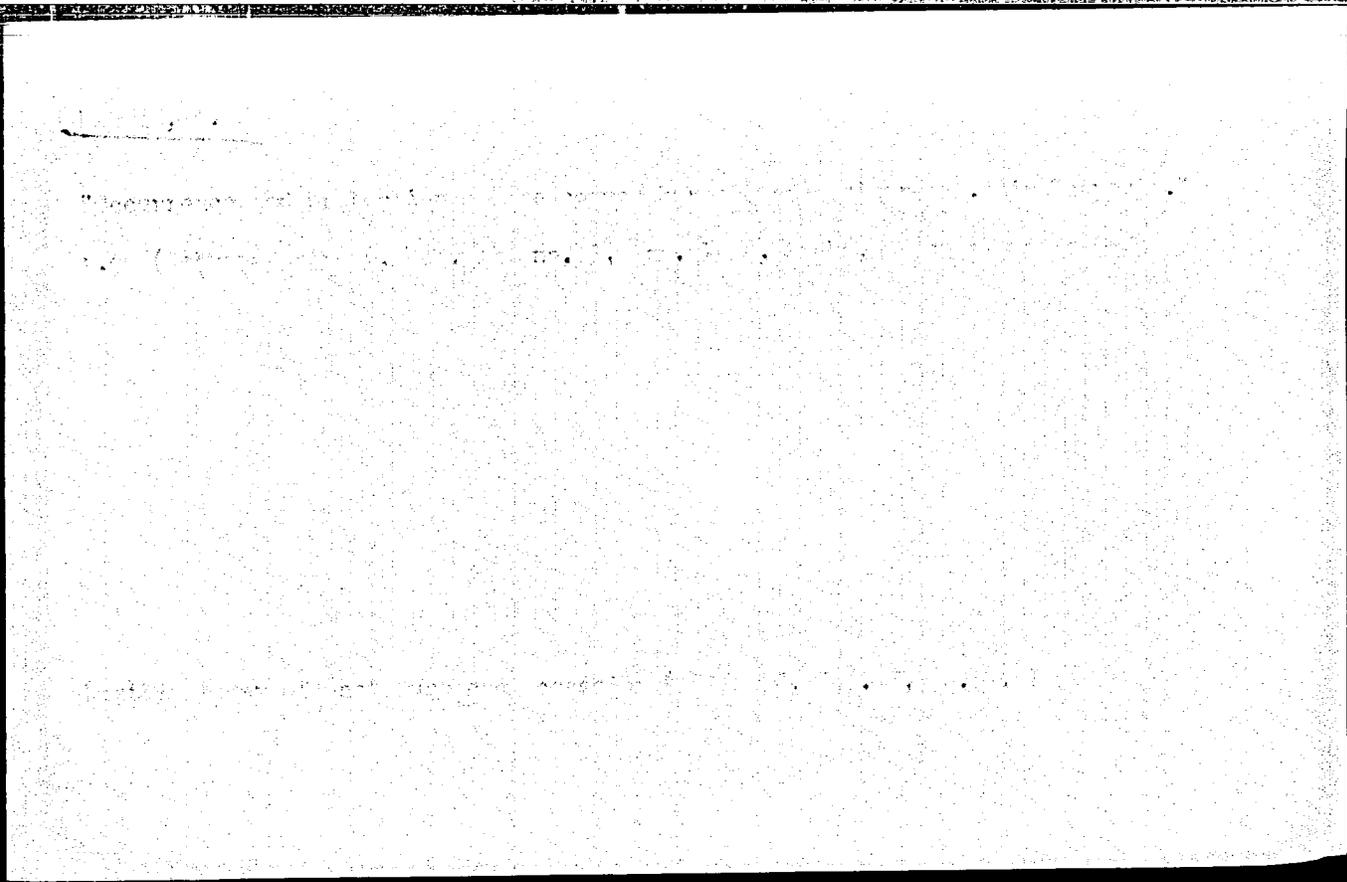
The NMR spectra of allyl alcohol and allyl alcohol. *Proc. chem. acad.* 36 no. 3: 1118-1119, 1964.

1. Department of Chemistry, The University, Sheffield, England.
2. Visiting from the Rudjer Boskovic Institute, Zagreb (for Dundas).
3. University of Cambridge, Cambridge, England (for Turner).

KOLAR, Z., BEJELIC, GJ.; RANDIC, M.; TRINAJSTIC, N.; DEKN, V.

Book reviews. Great chem acta 35 no.4:315-319 '63.

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Natural conditions and birds in the Hirsianska dolina in Southern Slovakia.

p. 167(Ochrana Prirrody) Vol. 12, No. 6, Aug. 1957; Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Lc. - Vol. 7, No. 1, Jan. 1958

PANDIK, A.

"Forest Reservation in the Valley of the Iron River", p. 15, (DOPRAVA
PRIRODY, Vol. 9, No. 3, April 1954, Praha, Czechoslovakia,

SO: Monthly List of East European Accessions, (SEAL), 10, Vol. 3, No. 12,
Dec. 1954, Uncl.

BANDER, A.

Analysis of food of the owl (Asio otus Lin.); a contribution
on the research in state reservations. p. 56.

ČCHPANA PŘÍRODY. (Ministerstvo kultury. Státní pece o
ochranu přírody) Praha.

Vol. 11, no. 2, Mar. 1956

SOURCE: ZRAL - LC Vol. 5 No. 10 Oct. 1956

RAUDIX, A.

Valuable bird reservation in southwestern Slovakia. p. 155.
OCHRANA PŘÍRODY. (Ministerstvo kultury. Státní péče o
ochranu přírody) Praha.
Vol. 11, no. 5, June 1956.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

RANDIK, A.

"Nesting of the thick-knee Burhinus oedicemus L. in the lower Hron valley."

P. 274. (Ministerstvo kultury. Statni pece oc ochranu prirody --Praha, Czechoslovakia.)
Vol. 12, no. 9, Dec. 1957.

SU: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

SOLTI, F.; PETER, A.; SIMONFI, G.; ISKUN, H.; REDI, Z.; DUBSKI, K.; RENDL, J.

The effect of strophanthin on cerebral blood flow, potassium and sodium metabolism, and cerebral venous pressure. Acta med. Hung. 18 no.2:163-168 '62.

1. First Department of Medicine (Director: Professor I. Rusznyak) and Department of Neurology (Director: Professor B. Horanyi), University Medical School, Budapest.

(STROPHANTHIN pharmacology) (BRAIN blood supply)
(BRAIN metabolism) (SODIUM metabolism) (POTASSIUM metabolism)

LÖVERJALG, Ants; RANNA, E., red.

[Laboratory manual on mechanical engineering for secondary schools; a handbook for students; Masinaõpetuse praktikum keskkoolis; käsiraamat õpilastele. Tallin, Eesti Riiklik Kirjastus, 1964. 207 p. [In Estonian] (MIRA 18:1)

ACC NR: AP6033373

SOURCE CODE: UR/0292/66/000/008/05 1/0002

AUTHOR: Randma, R. G. (Engineer)

ORG: None

TITLE: Step-by-step electric motors with printed-circuit windings

SOURCE: Elektrotehnika, no. 8, 1966, 1-2

TOPIC TAGS: electric motor, printed circuit, permanent magnet material

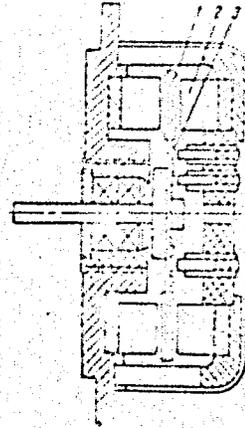
ABSTRACT: The author describes step-by-step reversible electric motors with printed-circuit windings using a disc rotor developed at the Tallin Scientific Research Electrotechnical Institute. The diagram for this type of motor is given and is similar to that of a DC motor with printed circuit windings (see figure). The disc rotor 1 is made from fiberglass-reinforced textolite or asbestoplastic. The disc rotor is located in the nonmagnetic clearance between the poles of the magnetic system 2. Both permanent and electric magnets can be used in this type of motor. The ends of the printed circuit windings terminate at contact rings 3. These also can be printed right on the disc rotor or located on the shaft. The process for printing the winding is given. Two types of windings are considered: where the phase is entirely on one side of the rotor (one layer), and where all phases are distributed on both sides of the rotor (two layer). The main advantage of this type of motor is that it can be

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UDC: 621.313.13-133.4

ACC NR: AP6033373

designed to operate at low voltages and relatively high current. Experimental and theoretical studies show that the static synchronizing moment curve of step-by-step motors with printed-circuit windings using disc rotors is nearly sinusoidal and does not have any breaks. Two such motors have been designed at present. These are the ShDP-1 and ShDP-5. Both of these motors use two-phase single-layer windings printed on a fiberglass-reinforced textolite base. The first of these use separate contact rings while the second have the contact rings printed on the rotor. The magnetic systems of both motors utilize permanent magnets made from YuNDK-24 alloy. Test results show that this type of motor holds a great deal of promise for the future. Orig. art. has: 3 figures, 1 table.



SUB CODE: 09/ SUBM DATE: None/ ORIG REF: 003

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2. USSR (600)
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7. Expert in high yields. Mol.kolkh. 19 no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

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1. Tallinskiy politekhnicheskii institut.
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1964. 44 p. (MIRA 18:10)

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rheumatic heart disease with subdued symptoms in children.
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ker. Tanacs Gyermekgyógyász Szakrendelésnek koslemenye. Vezetó:
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(RHEUMATIC HEART DISEASES, diagnosis,
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(BLOOD PRESSURE,
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Fakulty Karlových Univerzity v Praze, Československo.

STRANSKY, Zdenek; Tech. spoluprace: RANDOVA, Z.

Determination of the metabolism of inorganic phosphate and adenosine triphosphoric acid during the course of erythrocyte preservation. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 5 no. 4/5: Suppl.: 280-303 '62.

1. Ustav lekarske chemie Lekarske fakulty Karlovy university v Hradci Kralove; prednosta MUDr. I. Hais;

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prof. dr T. Garbinski.

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GARBINSKI, Tadeusz; RANDOWA, Danuta; RZESZUTKO, Bronislaw

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1213-1215 30 J1 '62.

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